PAGE 7129 * RCVD AT 10;22/2004 1:23:23 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-110 * DNIS:8729306 * CSID:87719577 * DURATION (mm-ss):07-32

Applicant: Speed Tech Corp.

Application Number: 10/663,659

Examiner: HYEON, Hae M

Art Unit: 2839

IN THE SPECIFICATION

Please amend the specification as follows.

At paragraph beginning at line 4 of page 1.

The present invention relates to an electric a structure of an electrical connector

for use in a computer network and, more particularly to such an electric a structure of an

electrical connector, which uses finger means to detachably secure the back cover to the

housing, holding down the terminals positively in position inside the housing.

At paragraph beginning at line 10 of page 1.

Following fast development of computer technology, a variety of sophisticated

connectors for use in a computer network has been disclosed. Frequently plug and pull

action between matched connectors may cause a distortion of the terminals, resulting in

an interruption or inaccuracy of signal transmission. Therefore, when designing an

electric electrical connector, the following factors must be well considered.

At paragraph beginning at line 22 of page 1.

FIG. 7 is an exploded view of an electric electrical connector according to the

prior art. According to this design, the electric electrical connector comprises an

electrically insulative housing A, the housing A having two backwardly extended

retaining arms A1, a terminal holder B mounted in the housing A, a back cover C

fastened to the rear side of the housing A, and a metal shield D covering the housing A

and the back cover C. The terminal holder B comprises a first holder block B1 holding a

set of contact terminals B11, and a second holder block B2 holding a set of mounting

terminals B21. The back cover C is soldered to the contact terminals B11 and the

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Applicant: Speed Tech Corp.

Application Number: 10/663,659

Examiner: HYEON, Hae M

Art Unit: 2839

mounting terminals B21. This design of electric electrical connector is complicated,

resulting in a high manufacturing cost and complicated in installation procedures.

Because signal is transmitted from the contact terminals B11 to the circuit board in

which the mounting terminals B21 are installed via the back cover C, the signal in

transmission tends to be interfered with external noises, thereby causing an instability or

interruption of signal transmission. Further, the connection between the contact

terminals B11 and the mounting terminals B21 tend to be broken.

At paragraph beginning at line 19 of page 2.

Therefore, it is desirable to provide an electric electrical connector that

eliminates the aforesaid drawbacks.

On page 3, lines 1-22.

It is the main object of the present invention to provide a structure of an electric

electrical connector, which is simple and inexpensive to manufacture.

It is another object of the present invention to provide a structure of an electric

electrical connector, which is detachable.

To achieve these objects of the present invention, the electrical

connector comprises an electrically insulative housing, comprising a front receiving side,

a recessed rear mounting side, and a plurality of insertion holes extended from the front

receiving side to the rear mounting side, a plurality of terminals respectively mounted in

the recessed rear mounting side of the housing, the terminals each comprising a

horizontally extended mounting portion positioned inside the housing, a front contact

portion curved obliquely backwards from a front end of the mounting portion and a

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Applicant: Speed Tech Corp.

Application Number: 10/663,659

Examiner: HYEON, Hae M

Art Unit: 2839

soldering portion downwardly extended from a rear end of the mounting portion, the

passageways in between the spacer blocks to the outside of the housing for soldering to

a circuit board; and a back cover press-fitted into the recessed rear mounting side of the

housing to hold the terminals, and the back cover comprising at least one flat pressure

wall adapted to hold down the soldering portions of the terminals in the recessed rear

mounting side of the housing.

On page 4, lines 2-15.

FIG. 1 is an exploded view of an electrical connector according to the

present invention.

FIG. 2 is an oblique front elevation in an enlarged scale of the housing for the

electric electrical connector shown in FIG. 1.

FIG. 3 is an exploded side view in section of the electrical connector

according to the present invention.

FIG. 4 is an exploded top view in section of the electric electrical connector

according to the present invention.

FIG. 5 is a sectional side view of the present invention showing the electric

electrical connector assembled.

FIG. 6 is a top view in section of the present invention showing the electric

electrical connector assembled.

FIG. 7 is an exploded view of an electric electrical connector according to the

prior art.

At paragraph beginning at line 17 of page 4.

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Examiner: HYEON, Hae M

Art Unit: 2839 .

Applicant: Speed Tech Corp.

Referring to FIGS. 1~4, an the electric electrical connector in accordance with

the present invention is shown comprised of comprises an electrically insulative housing

1, a plurality of terminals 2 mounted in the housing 1, and a back cover 3 fastened to the

back side of the housing 1 to hold down the terminals 2.

At paragraph beginning at line 18 of page 7.

A prototype of electrical connector has been constructed with the features of FIGS. 1-6. The electrical connector functions smoothly to provide all of the

features discussed earlier.